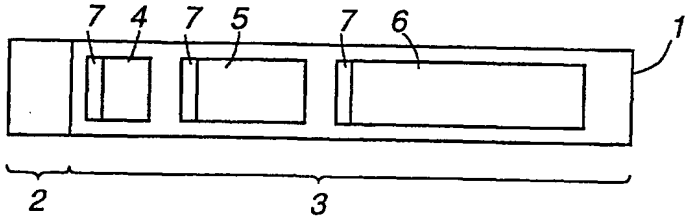
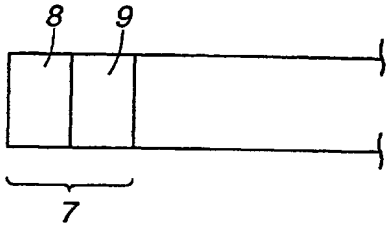
OIPE
AUG 19 2005
PATENT & TRADEMARK OFFICE
MC1600

Fig.1



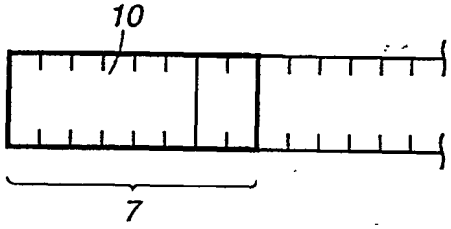
PRIOR ART

Fig.2



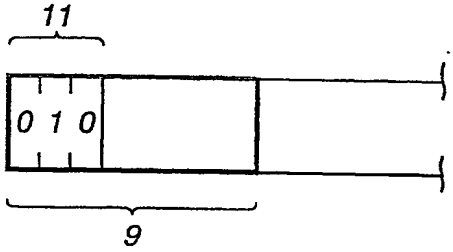
PRIOR ART

Fig.3



PRIOR ART

Fig.4



REPLACEMENT SHEET

Fig.5

12

CODE	SIZE (OCTETS)
0 0 0	4
0 0 1	8
0 1 0	16
0 1 1	20
1 0 0	35
1 0 1	43
1 1 0	56
1 1 1	60

Fig.6

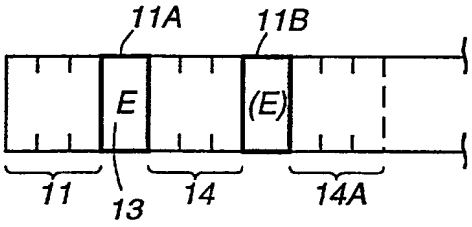
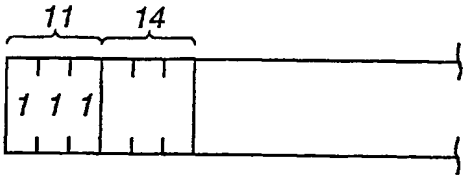


Fig.7

15

CODE	SIZE (OCTETS)
0 0 0 0 0 0	2
0 0 0 0 0 1	4
0 0 0 0 1 0	5
1 1 1 1 0 0	100
1 1 1 1 0 1	125
1 1 1 1 1 0	150
1 1 1 1 1 1	200

Fig.8



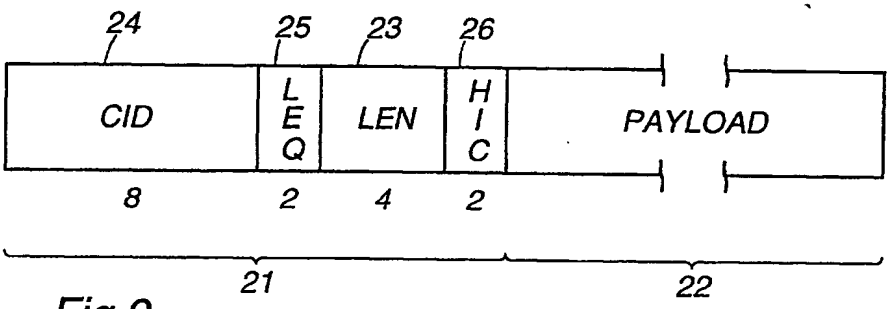


Fig.9

Fig.10

LEQ	LEN
0 0	0 0 0 0
0 0	0 0 0 1
0 0	0 0 1 0
•	•
•	•
0 0	1 1 1 1
0 1	0 0 0 0
0 1	0 0 0 1
•	0 0 1 0
•	•
•	•
0 1	1 1 1 1
1 0	0 0 0 0
•	0 0 0 1
•	0 0 1 0
•	•
1 0	1 1 1 1

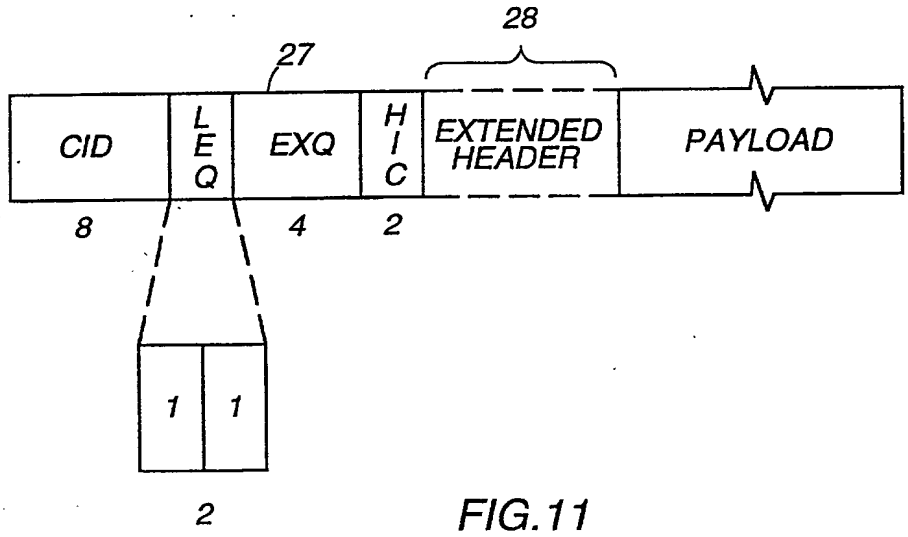


FIG.11

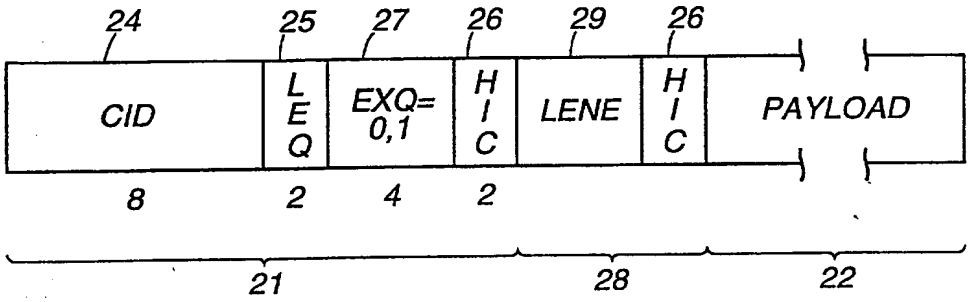


Fig.12

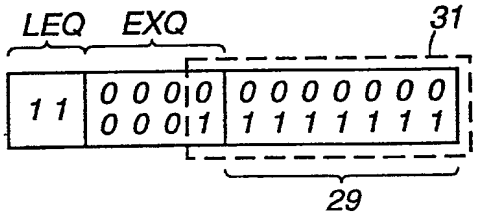


Fig.13

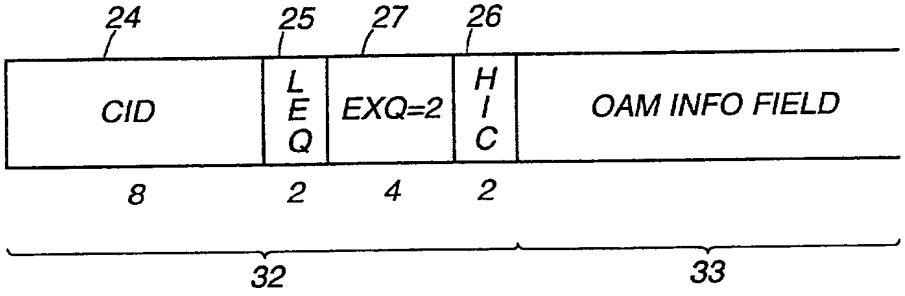


Fig.14

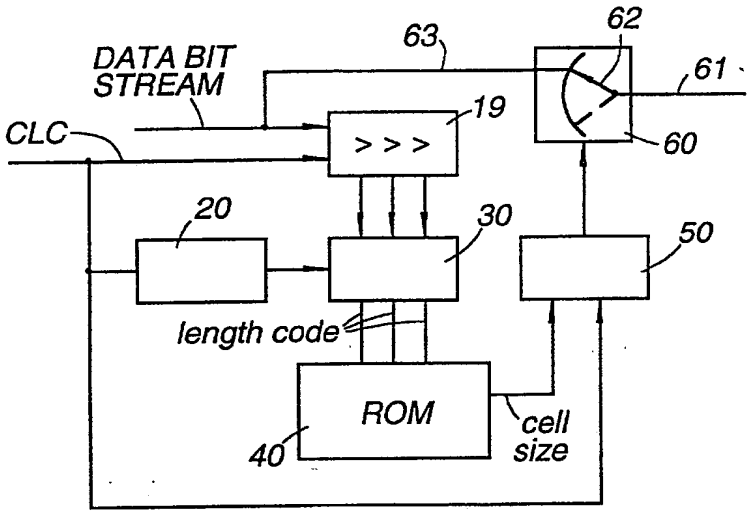

DATA BIT STREAM
CLC
63
62
61
19
> > >
60
20
30
50
length code
ROM
40
cell size

Fig.15

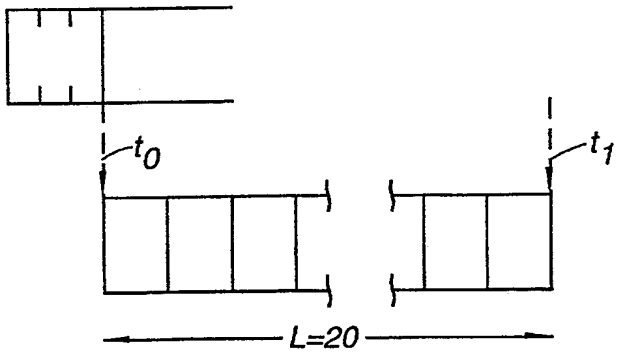

t_0
t_1
L=20

Fig.16

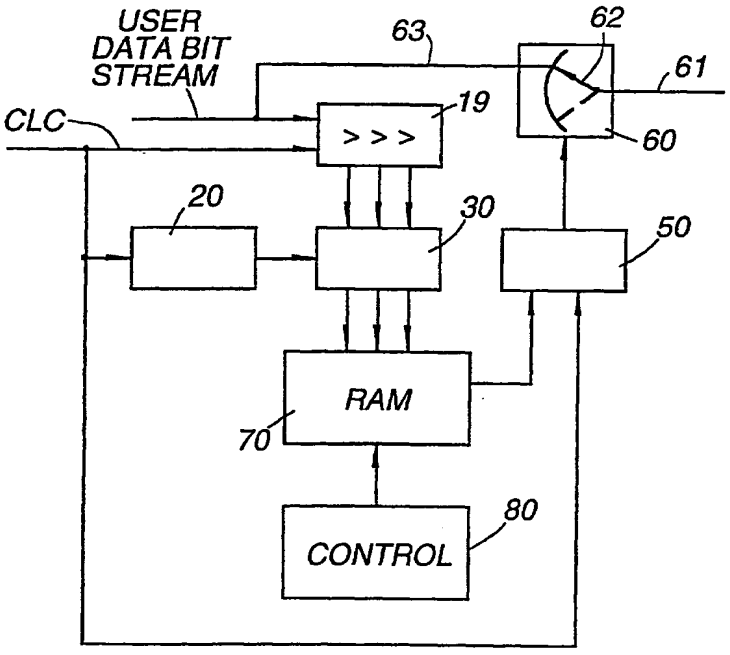

USER
DATA BIT
STREAM
CLC
63
62
61
19
> > >
60
20
30
50
RAM
70
CONTROL
80

Fig.17

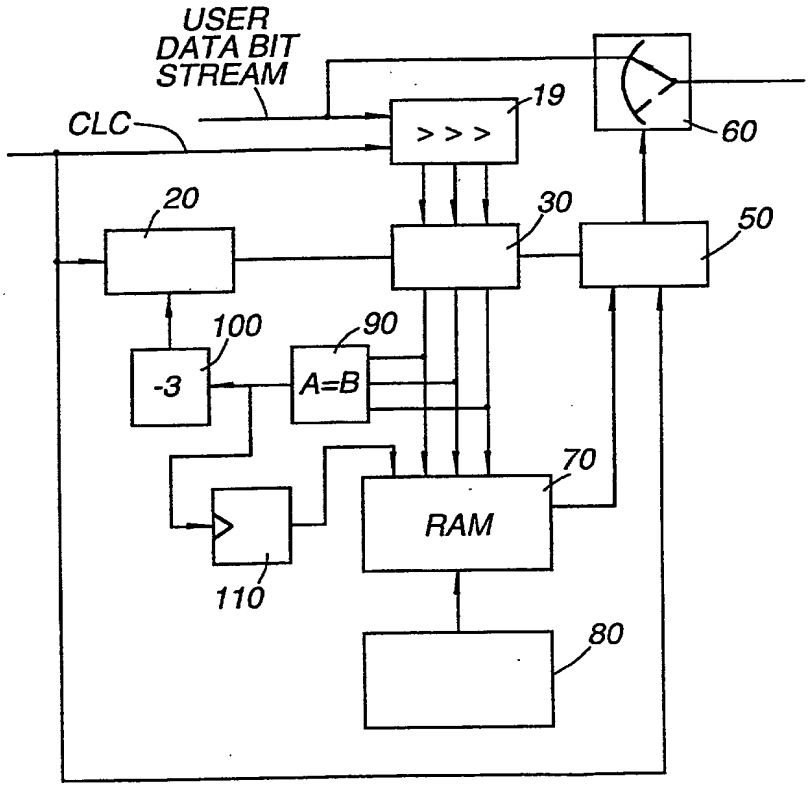


Fig.18

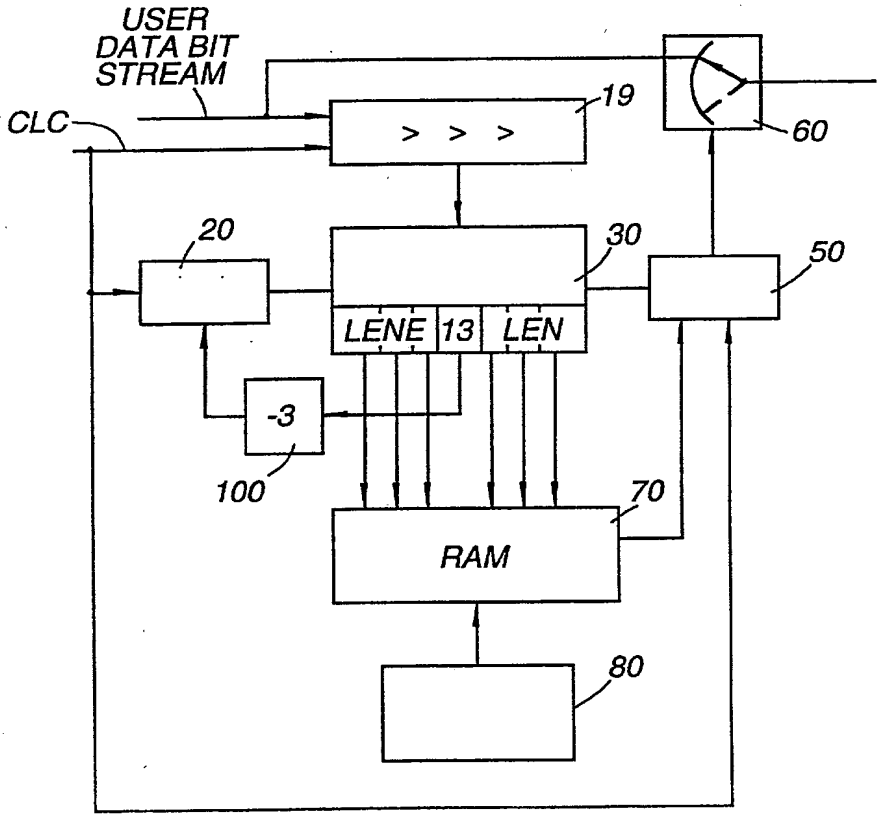

USER
DATA BIT
STREAM
CLC
19
> > >
60
20
30
50
LENE
13
LEN
-3
100
70
RAM
80

Fig.19

Fig.20

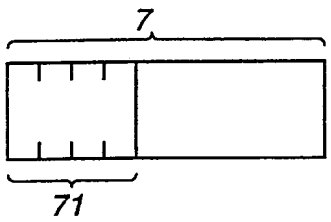


Fig.21

CID	SIZE
0 0 1 0 1 0 0 1 1	2 2 4

72

Fig.22

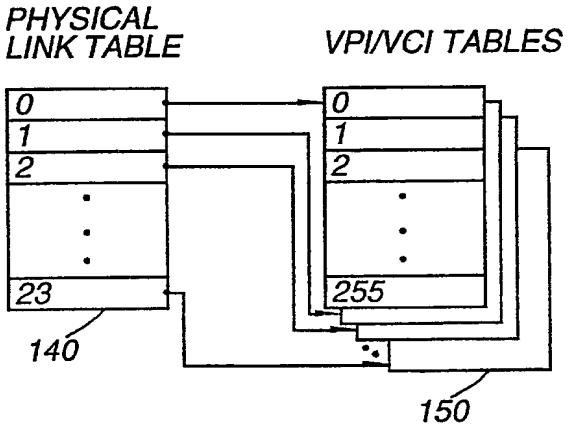
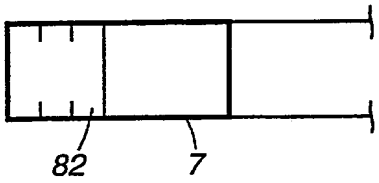


Fig.23



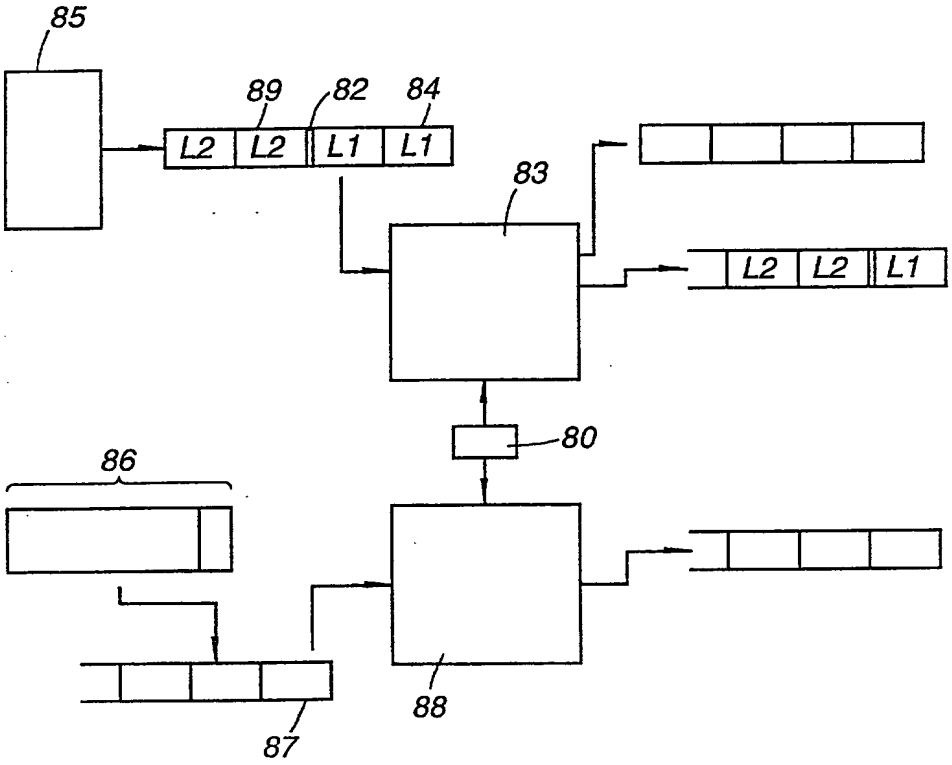


Fig.29

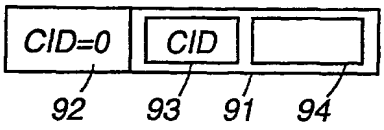


Fig.24

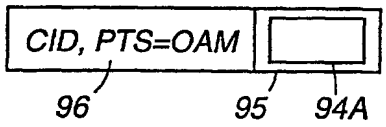


Fig.25

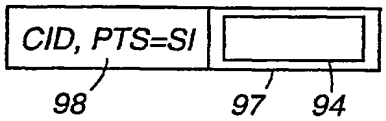


Fig.26

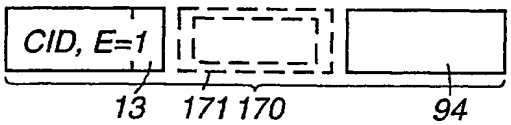


Fig.27

Fig.28

Fig.30

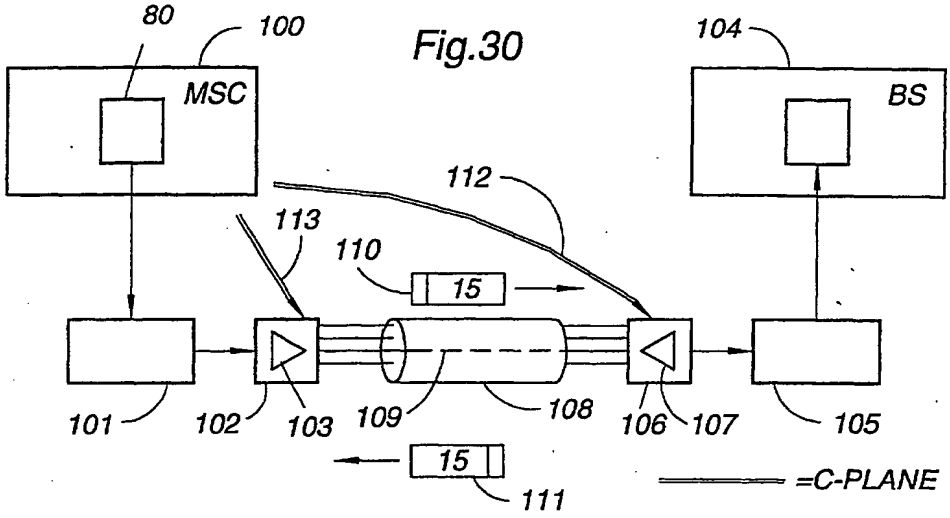

80
100
MSC
104
BS
112
113
110
15
101
102
103
109
108
106
107
105
15
111
=C-PLANE

Fig.31

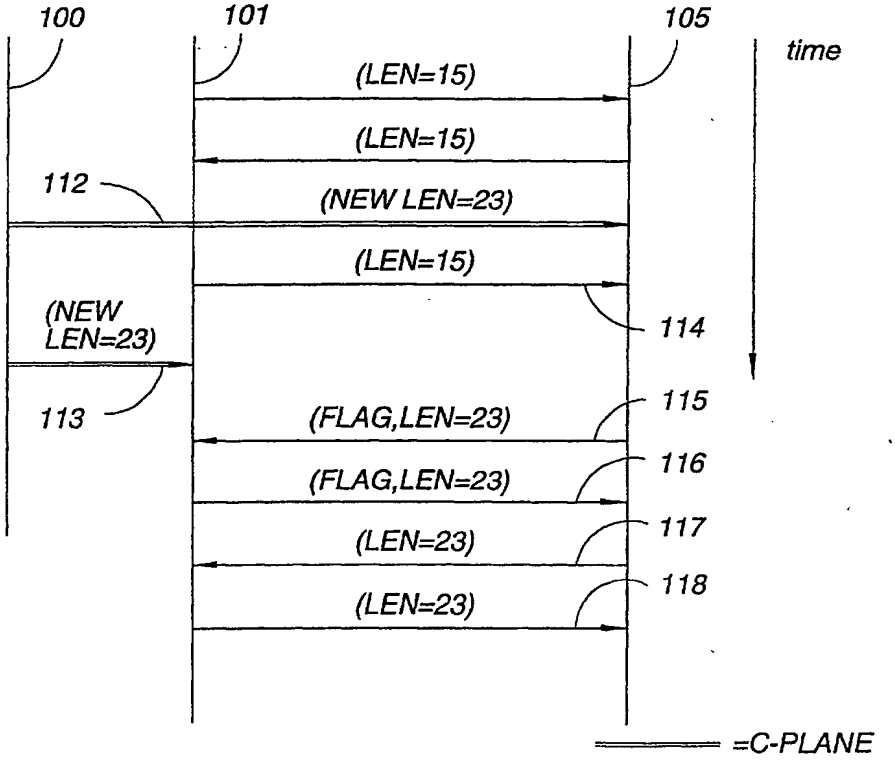

100
101
105
time
(LEN=15)
(LEN=15)
112
(NEW LEN=23)
(LEN=15)
114
(NEW LEN=23)
113
(FLAG,LEN=23)
115
(FLAG,LEN=23)
116
(LEN=23)
117
(LEN=23)
118
=C-PLANE

Fig.32

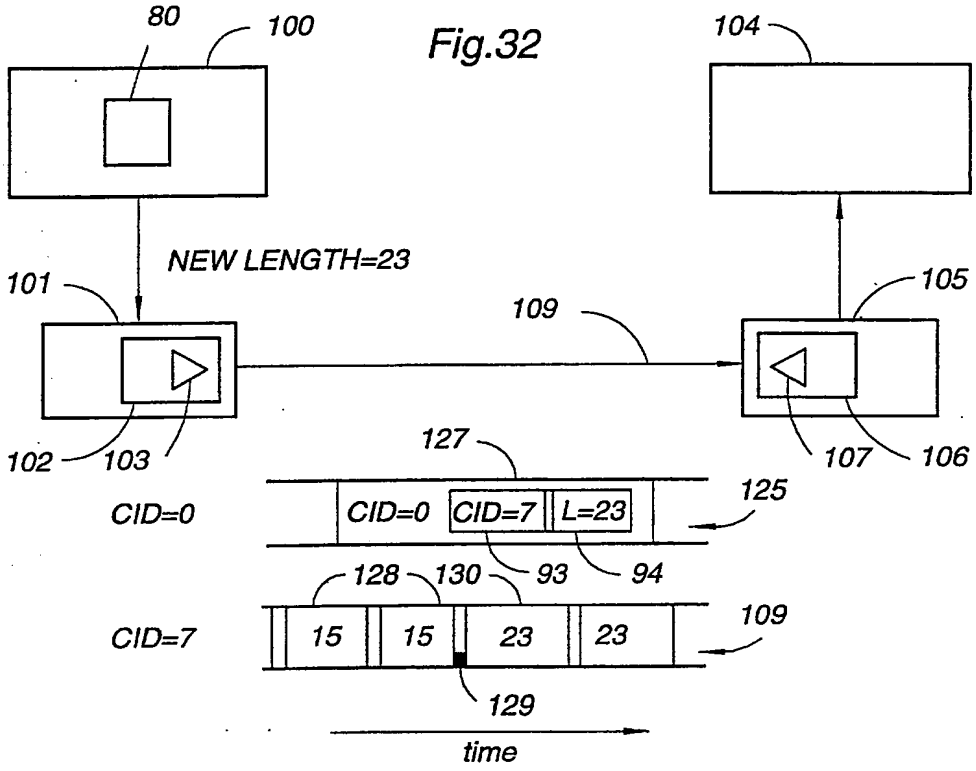
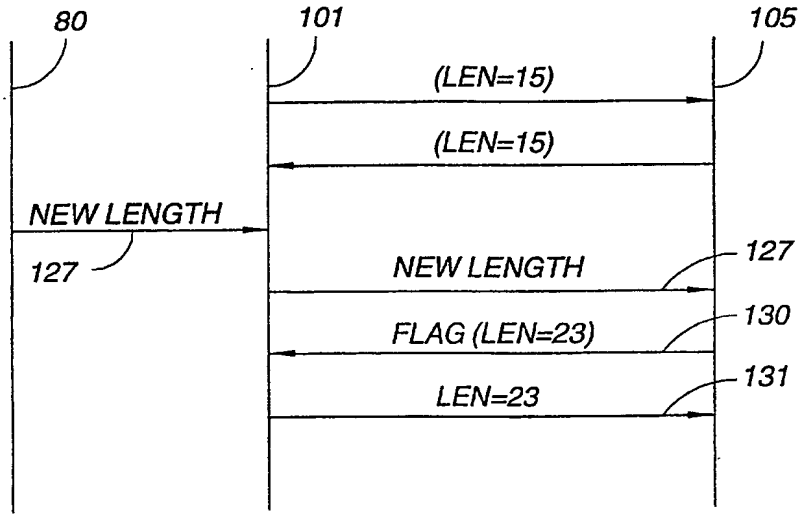

80
100
104
NEW LENGTH=23
101
105
109
102
103
107
106
127
CID=0
CID=0
CID=7
L=23
125
93
94
128
130
CID=7
15
15
23
23
109
129
time

Fig.33


80
101
105
(LEN=15)
(LEN=15)
NEW LENGTH
127
NEW LENGTH
127
FLAG (LEN=23)
130
LEN=23
131

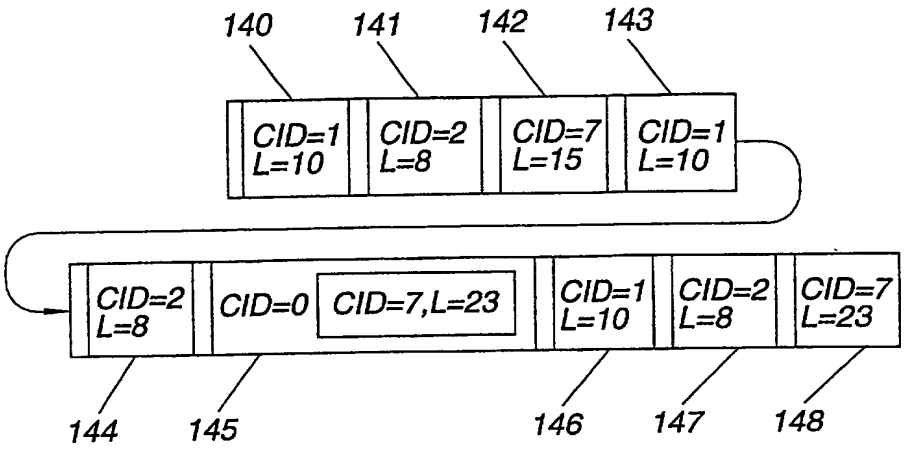

140
141
142
143
CID=1 L=10
CID=2 L=8
CID=7 L=15
CID=1 L=10
CID=2 L=8
CID=0
CID=7,L=23
CID=1 L=10
CID=2 L=8
CID=7 L=23
144
145
146
147
148

Fig.34

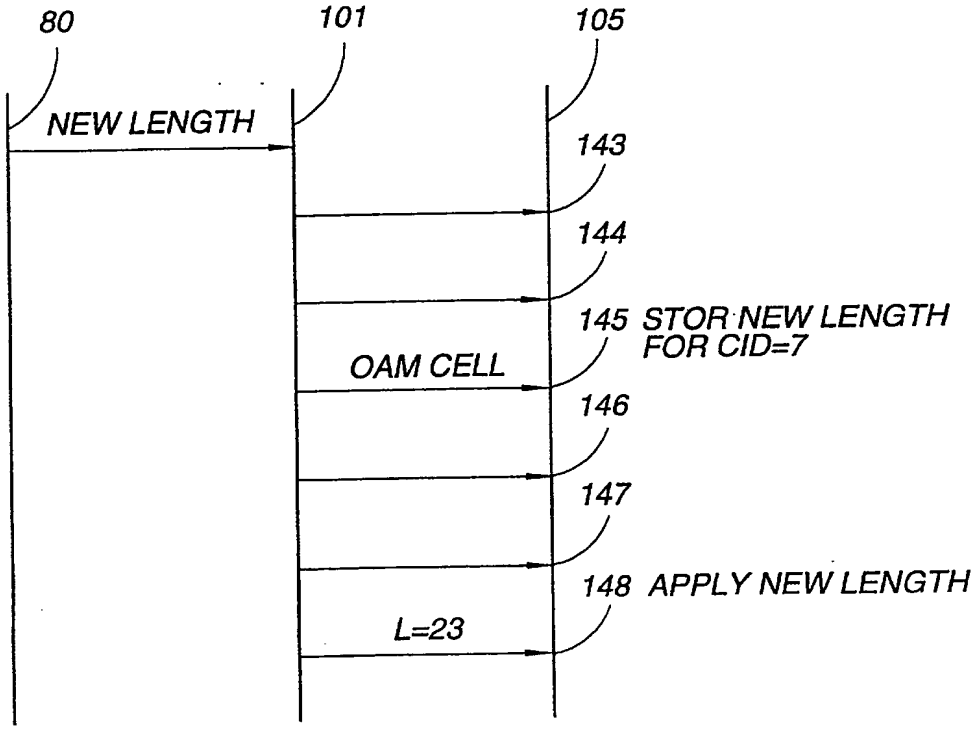

80
101
105
NEW LENGTH
143
144
145 STOR NEW LENGTH FOR CID=7
OAM CELL
146
147
148 APPLY NEW LENGTH
L=23

Fig.35

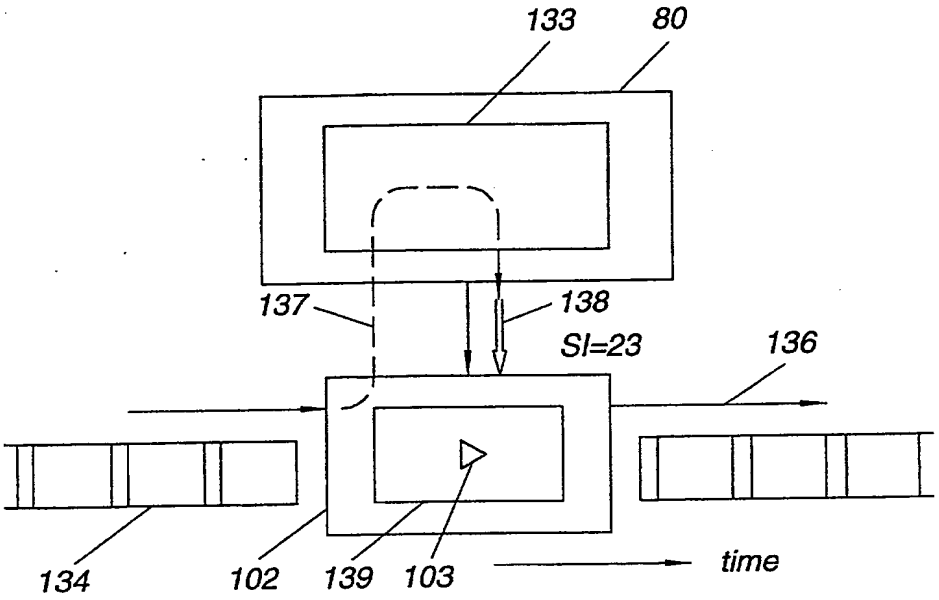


Fig.36

Fig.37

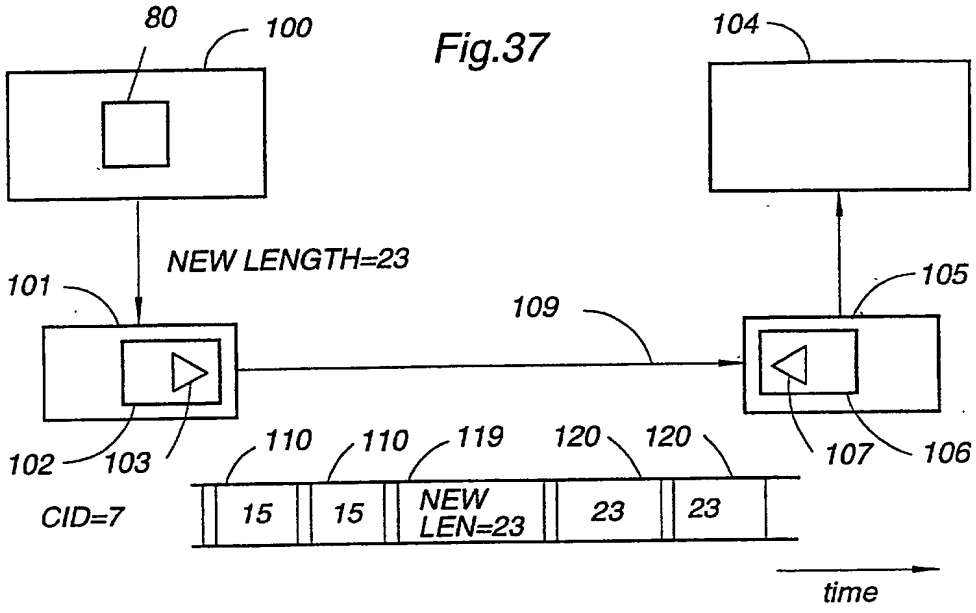
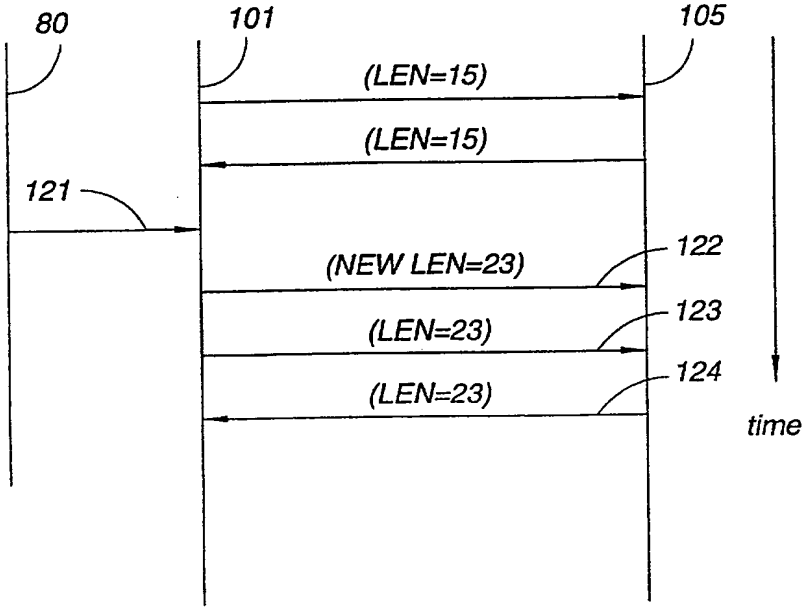

80
100
104
NEW LENGTH=23
101
105
109
102
103
110
110
119
120
120
107
106
CID=7
15
15
NEW LEN=23
23
23
time

Fig.38


80
101
105
(LEN=15)
(LEN=15)
121
(NEW LEN=23)
122
(LEN=23)
123
(LEN=23)
124
time

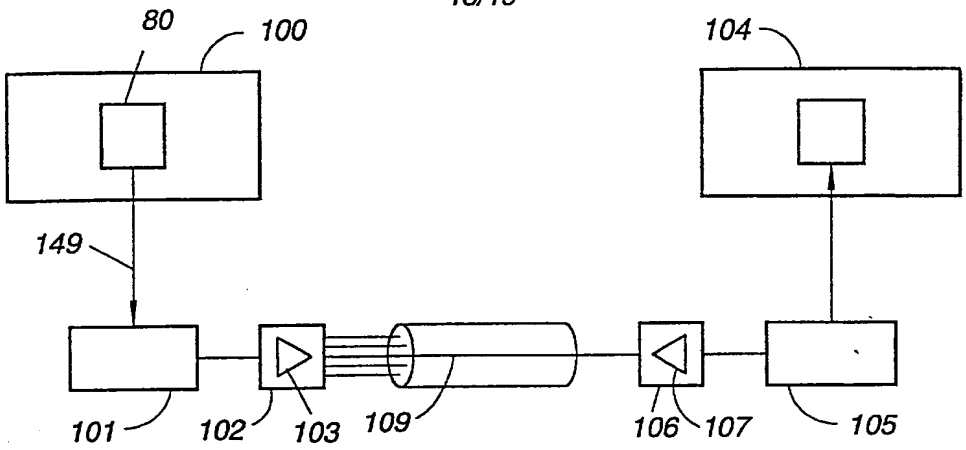


Fig.39

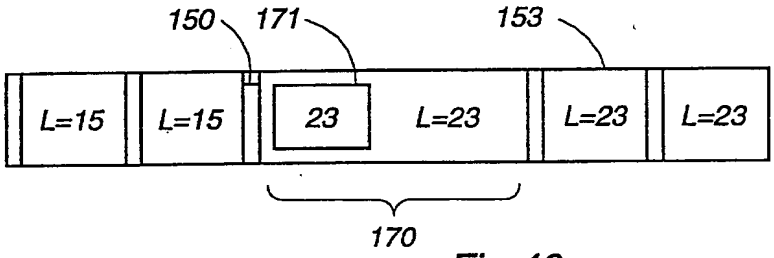


Fig.40

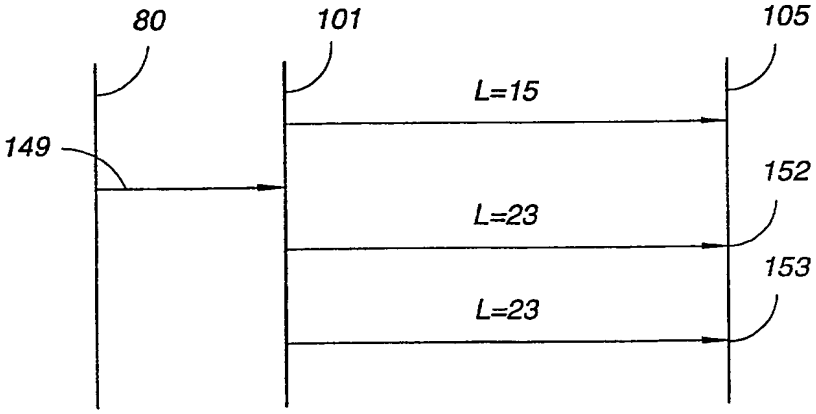


Fig.41

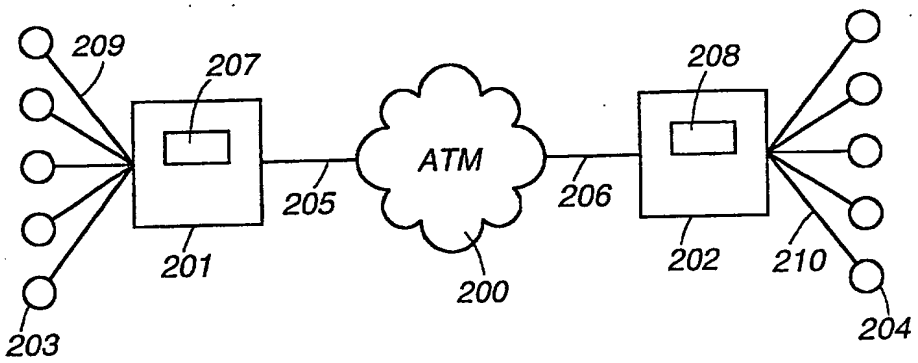


Fig.42